

Attorney Docket No.:  
Inventors:  
Serial No.:  
Filing Date:  
Page 2

PENN-0797  
Ginsberg et al.  
Not yet assigned  
January 16, 2002

3. (amended) A method of diagnosing Alzheimer's disease in a patient suspected of having Alzheimer's disease comprising:

(a) isolating single senile plaques in brain tissue by immunocytochemical techniques;

(b) identifying the presence of RNA by contacting said senile plaque with a fluorescent dye capable of intercalating selectively into nucleic acids;

(c) amplifying the identified RNA; and

(d) determining whether the amplified RNA product hybridizes to any known cDNAs for proteins involved in the pathogenesis of Alzheimer's disease.

#### REMARKS

This application is a continuation of U.S. Patent Application No. 09/183,636 filed October 30, 1998 which claims the benefit of U.S. Provisional Application No. 60/064,032 filed November 3, 1997. Claims 2 and 4 have been canceled. Claim 3 has been amended to make it independent and to incorporate the language of claim 2, as allowed in the parent application. No new matter has been added. Entry of this amendment is respectfully requested.